

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030232.D
 Acq On : 27 Jul 2022 15:27
 Operator : JC/MD
 Sample : N3765-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-05-07152022

Quant Time: Jul 28 05:51:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

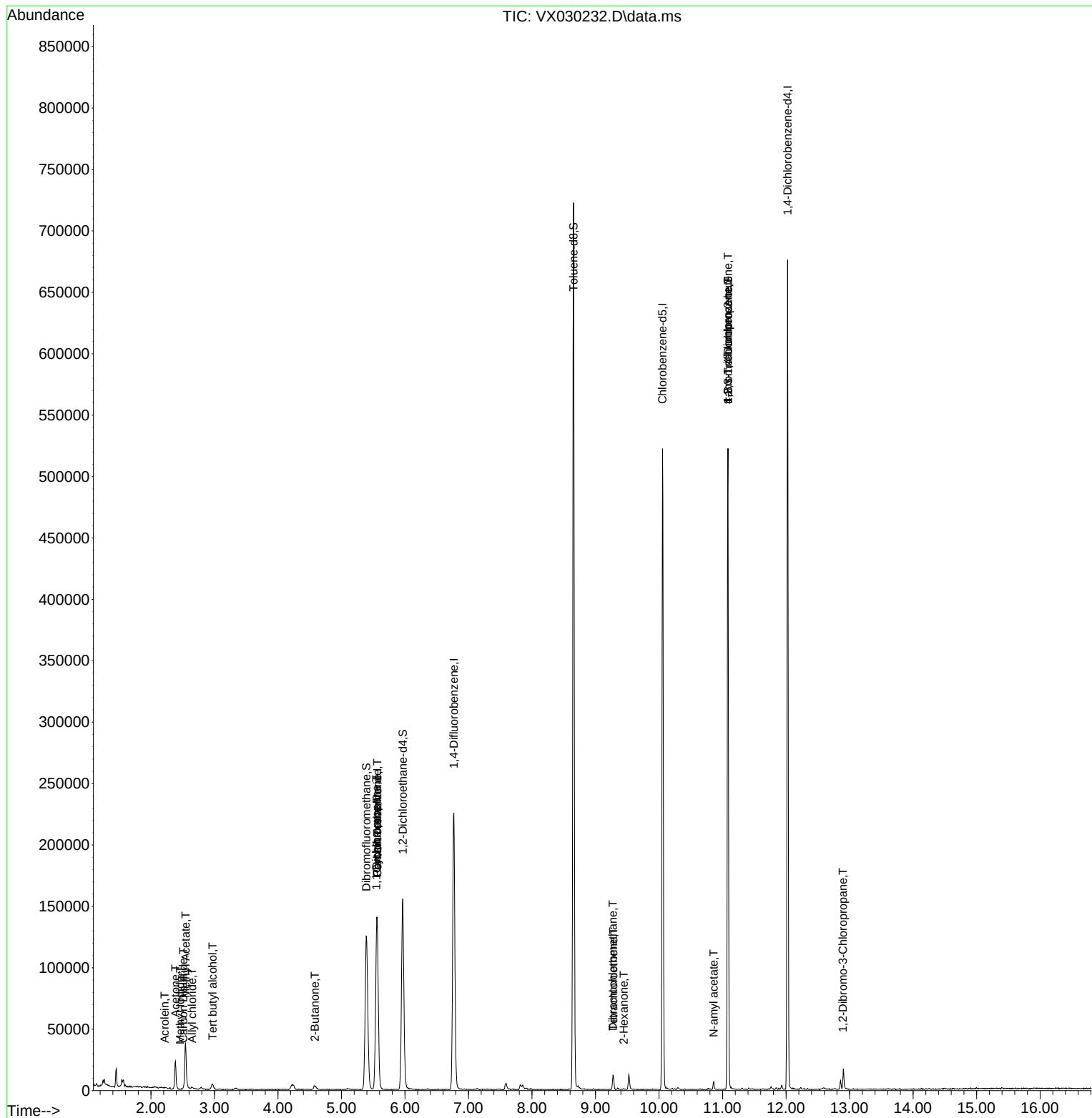
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	130354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142786	54.498	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.000%	
35) Dibromofluoromethane	5.391	113	111459	50.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.653	98	410780	48.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.140%	
62) 4-Bromofluorobenzene	11.085	95	138931	43.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.600%	
Target Compounds						Qvalue
5) Bromomethane	1.593	94	101	Below Cal	#	2
10) Methyl Iodide	2.459	142	162	1.602	ug/l #	66
11) Tert butyl alcohol	2.971	59	4888	7.648	ug/l #	89
13) Acrolein	2.215	56	152	0.968	ug/l	83
14) Allyl chloride	2.648	41	1374	0.327	ug/l #	62
16) Acetone	2.386	43	23433	17.469	ug/l	92
17) Carbon Disulfide	2.507	76	1267	0.230	ug/l #	77
18) Methyl Acetate	2.544	43	10257	2.585	ug/l #	51
20) Methylene Chloride	2.788	84	703	Below Cal	#	78
25) 2-Butanone	4.580	43	5475	2.429	ug/l #	86
31) Cyclohexane	5.556	56	3063	0.805	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11297	3.557	ug/l #	43
38) Carbon Tetrachloride	5.562	117	13618	4.593	ug/l #	18
59) 2-Hexanone	9.445	43	710	0.201	ug/l	76
60) Dibromochloromethane	9.275	129	2295	0.955	ug/l #	11
64) Tetrachloroethene	9.281	164	2359	0.937	ug/l #	87
67) Ethyl Benzene	10.201	91	483	Below Cal	#	43
74) N-amyl acetate	10.860	43	998	0.206	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	71223	21.192	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71223	63.573	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	12.896	75	293	0.335	ug/l #	1

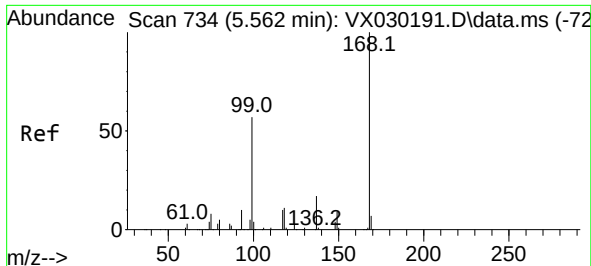
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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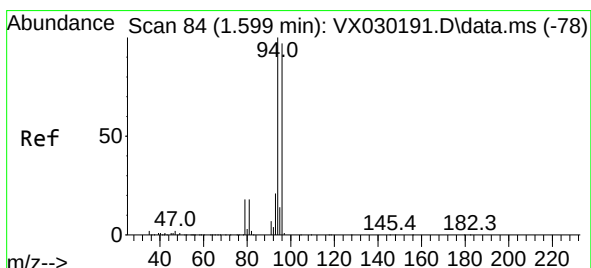
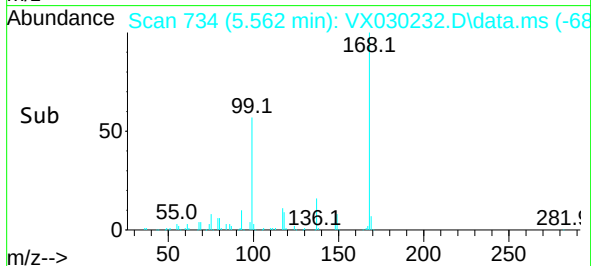
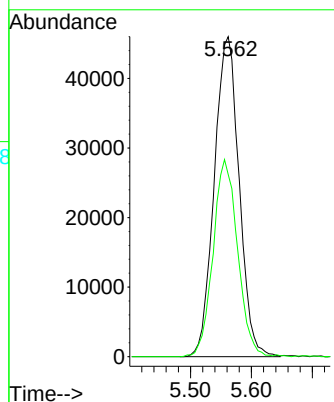
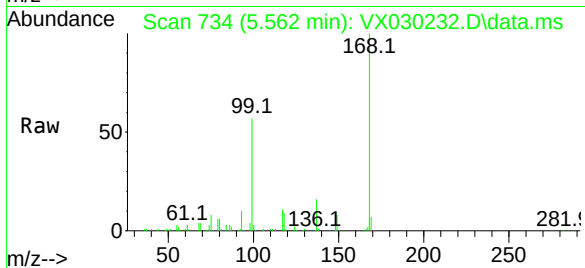




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

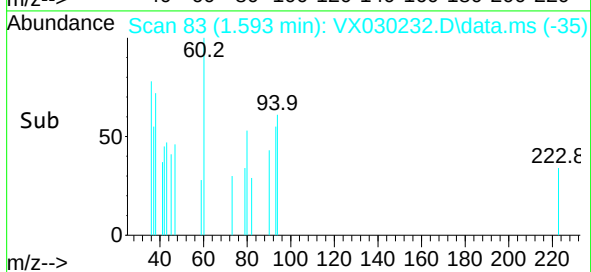
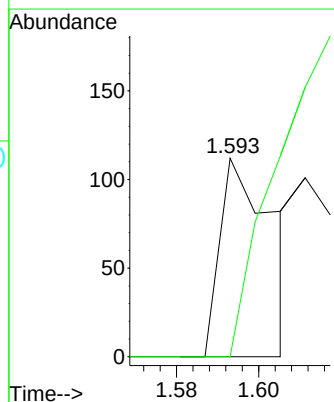
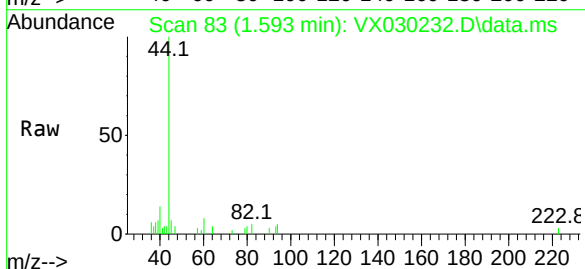
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

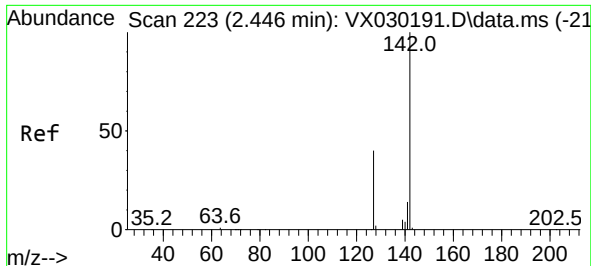
Tgt Ion:168 Resp: 130354
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

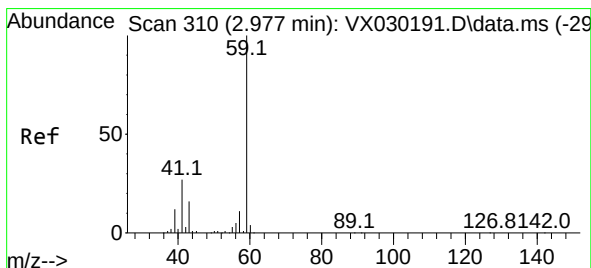
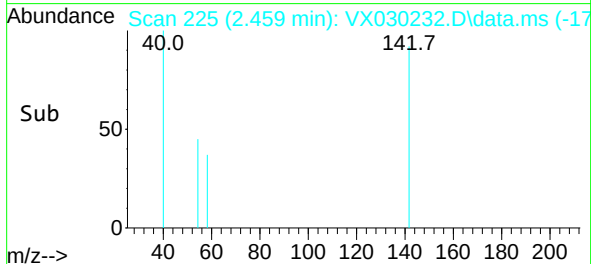
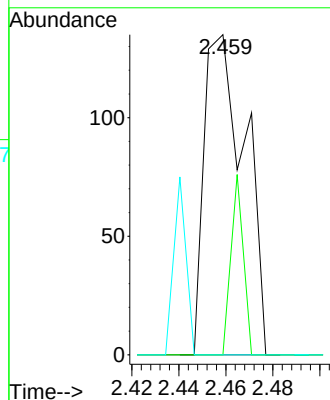
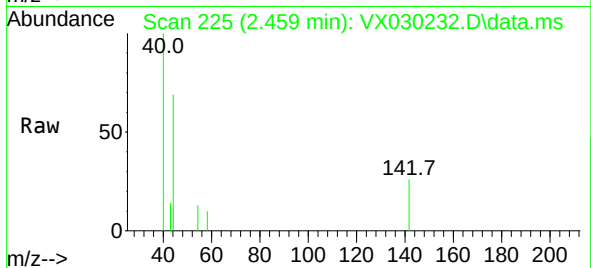




#10
Methyl Iodide
Concen: 1.602 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

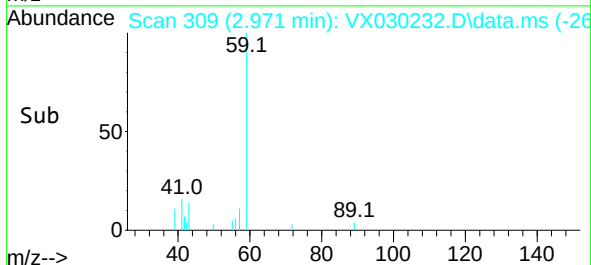
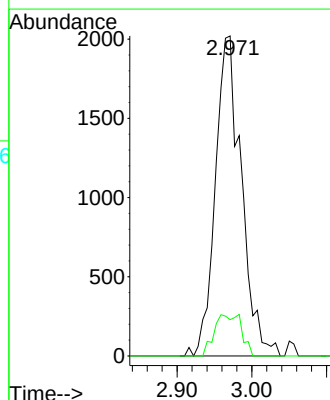
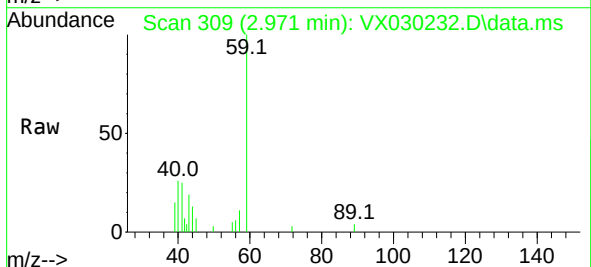
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

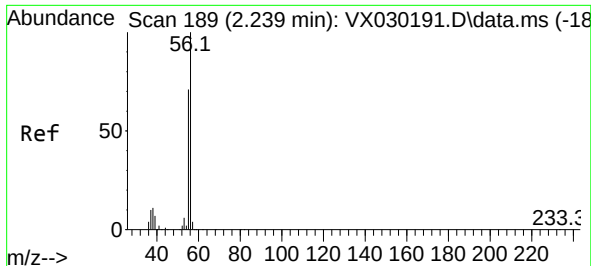
Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
127 17.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 7.648 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 59 Resp: 4888
Ion Ratio Lower Upper
59 100
57 13.5 7.4 11.2#





#13

Acrolein

Concen: 0.968 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX030232.D

Acq: 27 Jul 2022 15:27

Instrument :

MSVOA_X

ClientSampleId :

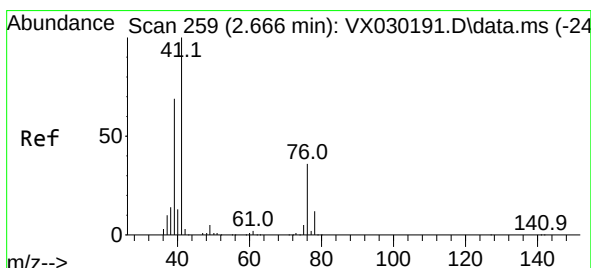
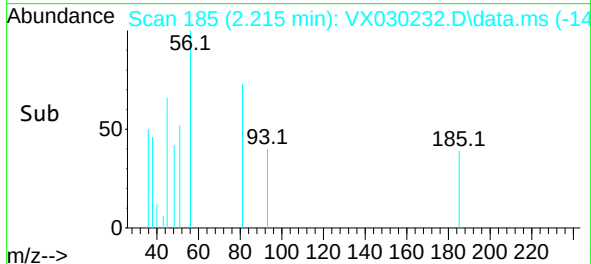
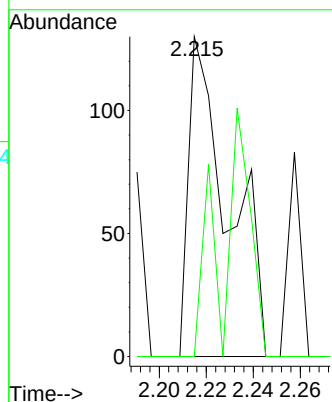
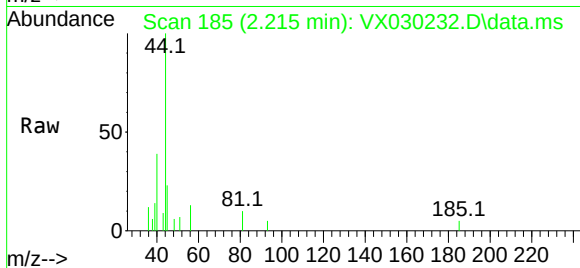
EB-05-07152022

Tgt Ion: 56 Resp: 152

Ion Ratio Lower Upper

56 100

55 56.6 56.6 84.8



#14

Allyl chloride

Concen: 0.327 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.018 min

Lab File: VX030232.D

Acq: 27 Jul 2022 15:27

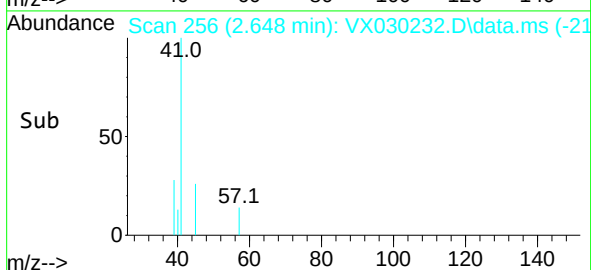
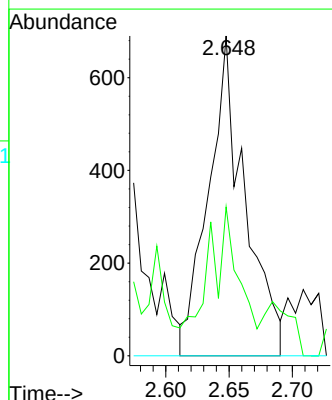
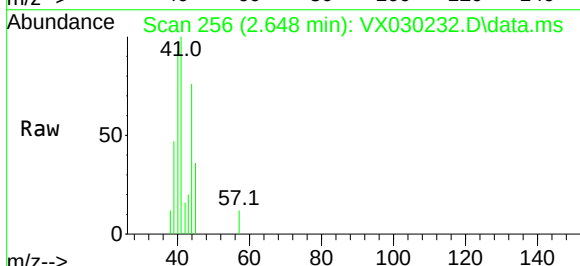
Tgt Ion: 41 Resp: 1374

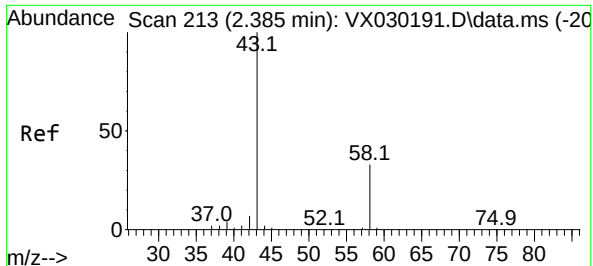
Ion Ratio Lower Upper

41 100

39 40.7 48.9 73.3#

76 0.0 26.9 40.3#

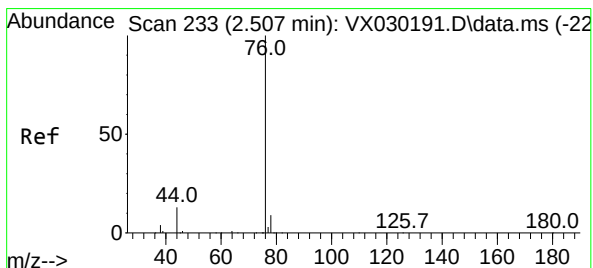
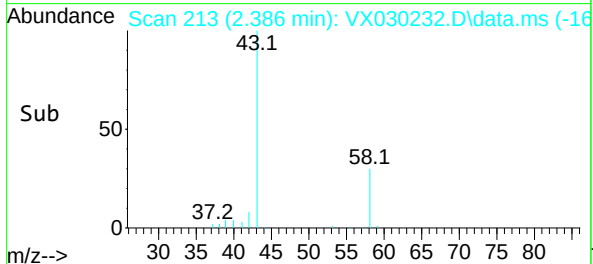
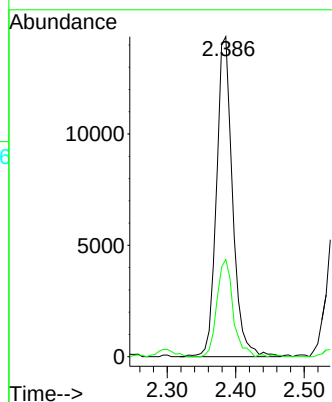
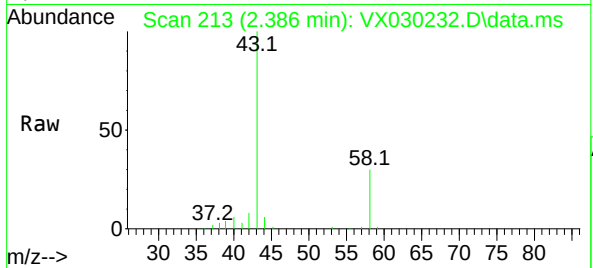




#16
Acetone
Concen: 17.469 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

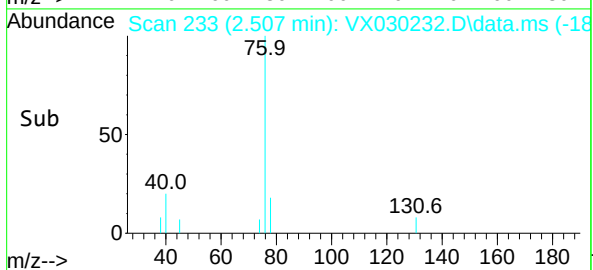
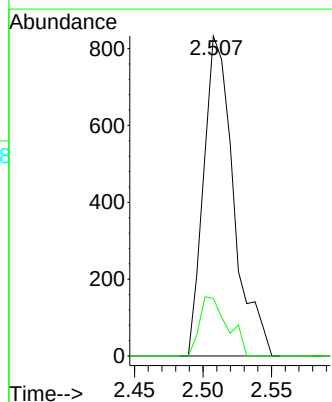
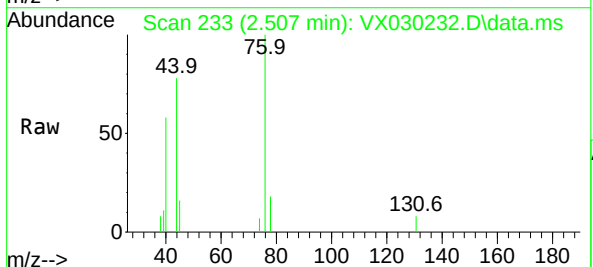
Instrument :
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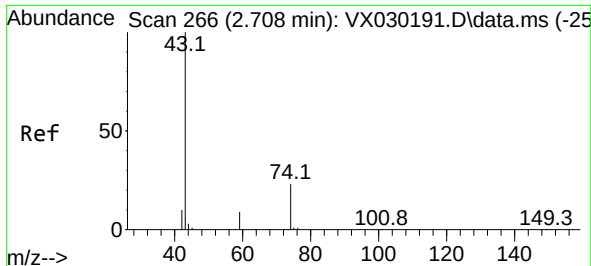
Tgt Ion: 43 Resp: 23433
Ion Ratio Lower Upper
43 100
58 29.9 27.7 41.5



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 76 Resp: 1267
Ion Ratio Lower Upper
76 100
78 18.0 7.8 11.6#

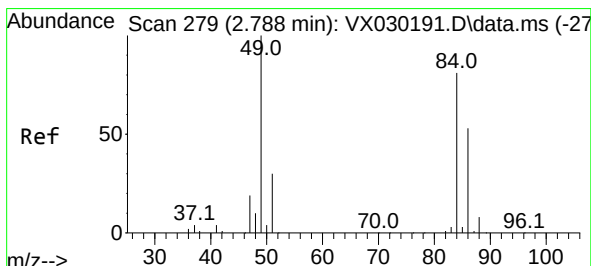
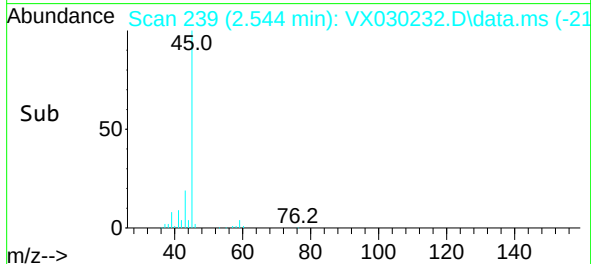
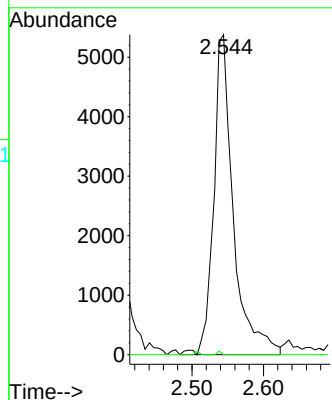
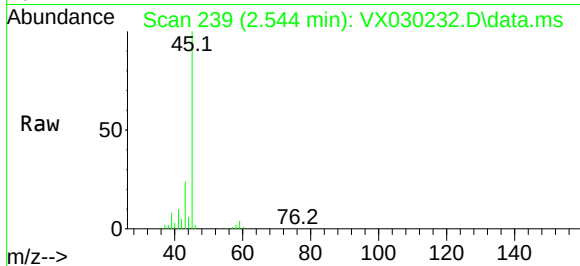




#18
Methyl Acetate
Concen: 2.585 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.164 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

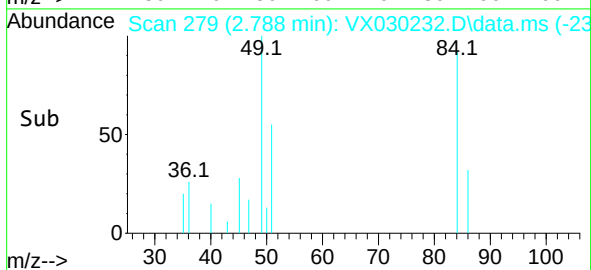
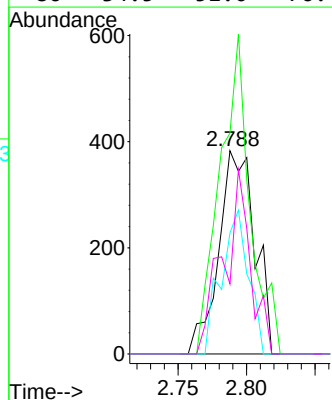
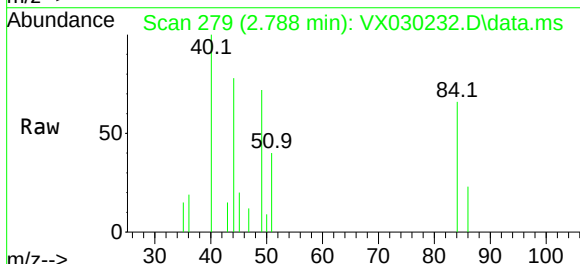
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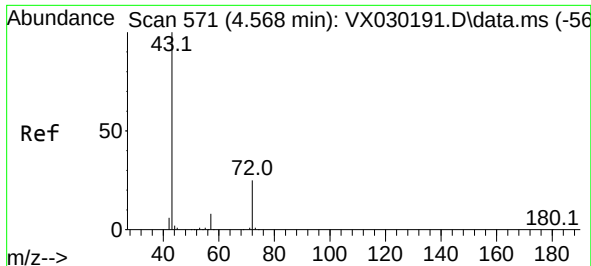
Tgt Ion: 43 Resp: 10257
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 108.6 93.8 140.6
51 59.5 29.4 44.0#
86 34.5 51.0 76.4#

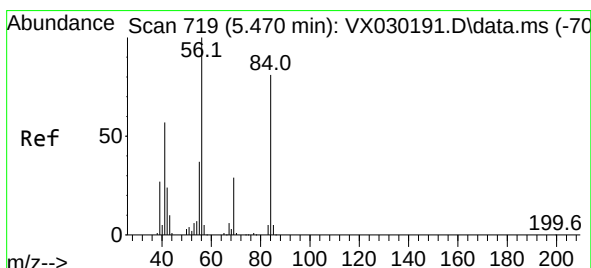
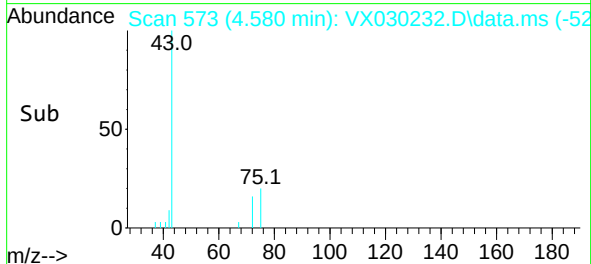
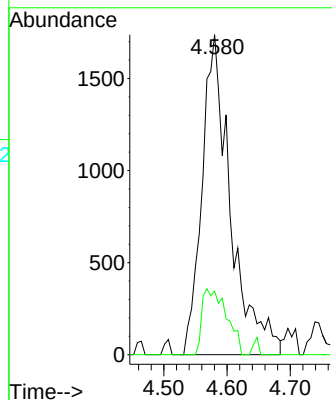
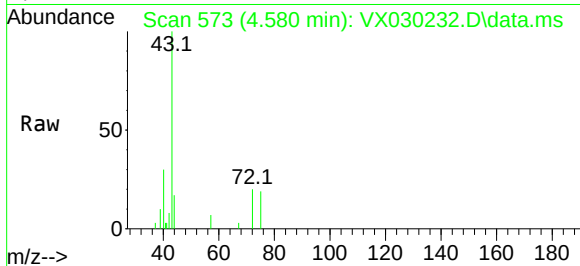




#25
2-Butanone
Concen: 2.429 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

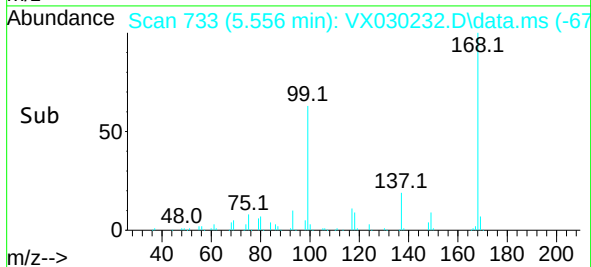
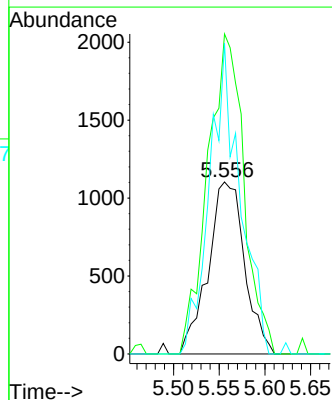
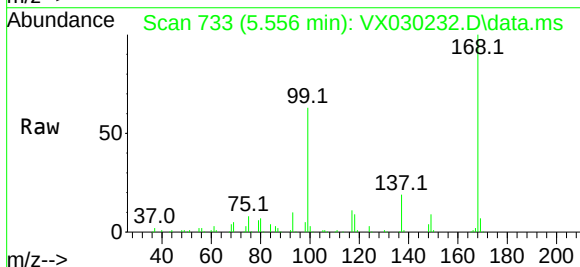
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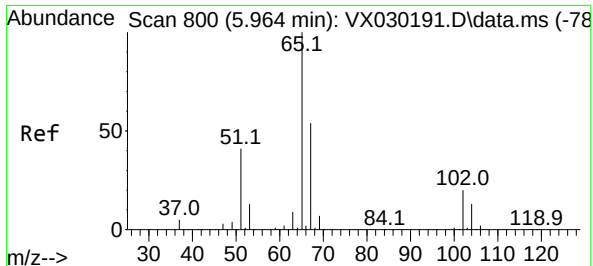
Tgt Ion: 43 Resp: 5475
Ion Ratio Lower Upper
43 100
72 19.9 21.7 32.5#



#31
Cyclohexane
Concen: 0.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 186.1 25.4 38.0#
84 180.7 68.9 103.3#

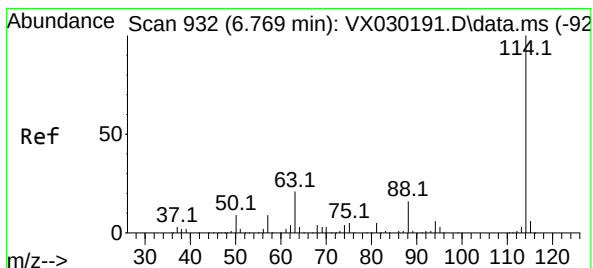
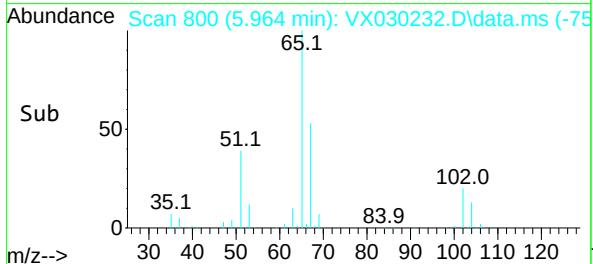
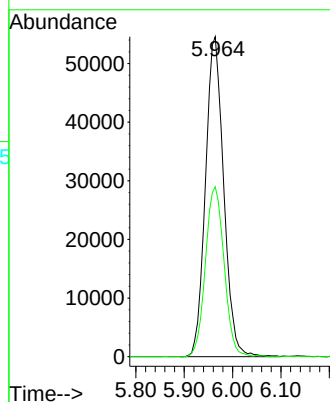
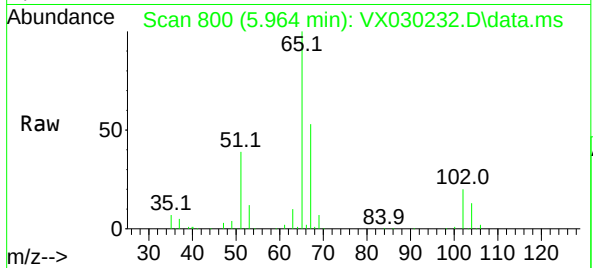




#33
 1,2-Dichloroethane-d4
 Concen: 54.498 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX030232.D
 Acq: 27 Jul 2022 15:27

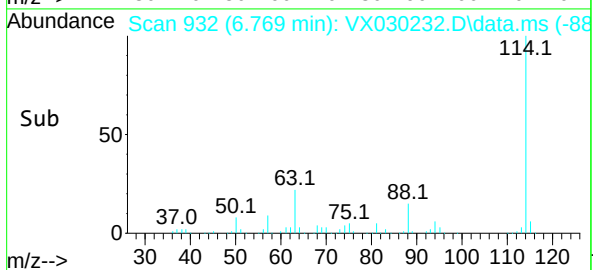
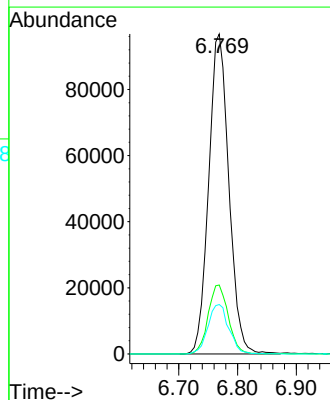
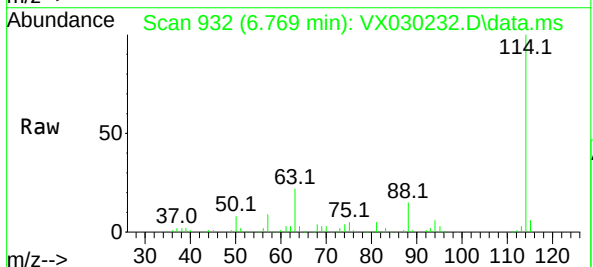
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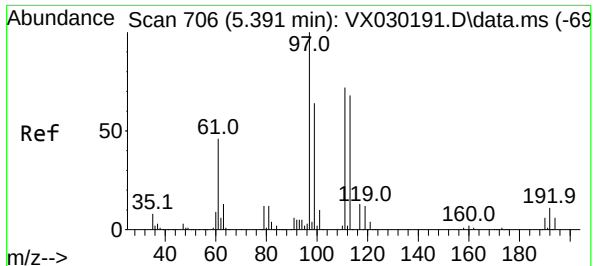
Tgt Ion: 65 Resp: 142786
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030232.D
 Acq: 27 Jul 2022 15:27

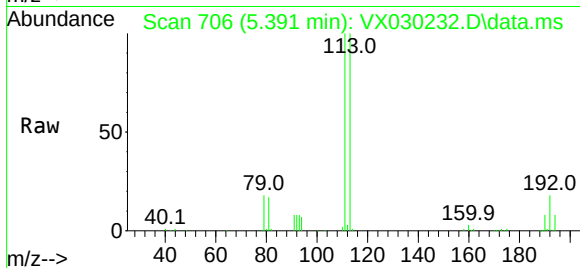
Tgt Ion: 114 Resp: 230849
 Ion Ratio Lower Upper
 114 100
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 88 15.4 0.0 31.8



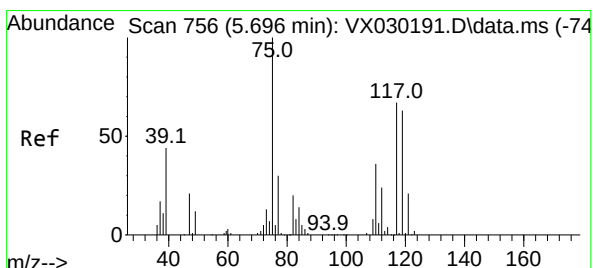
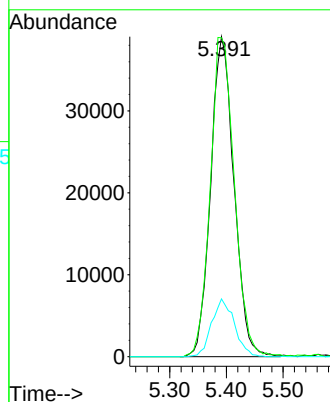
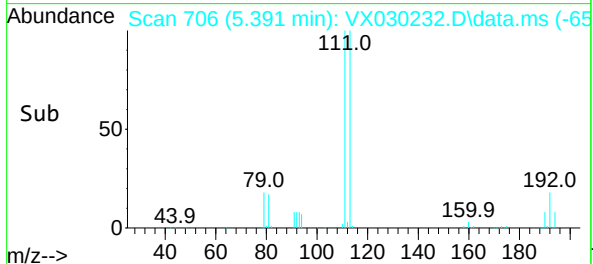


#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

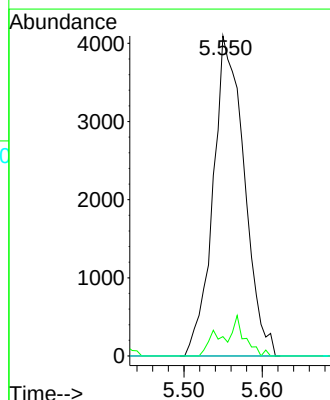
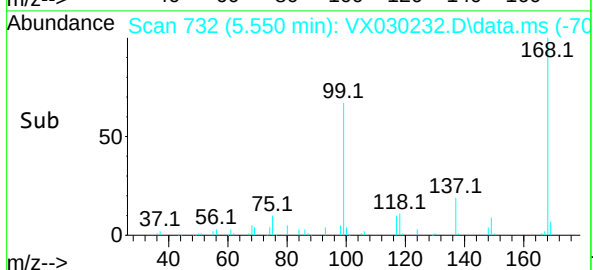
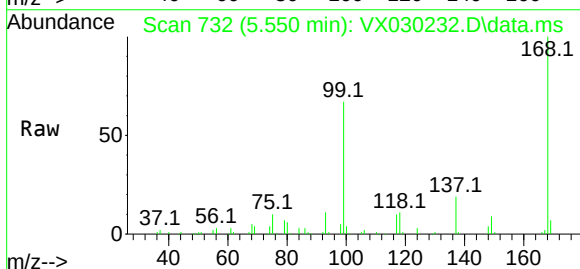


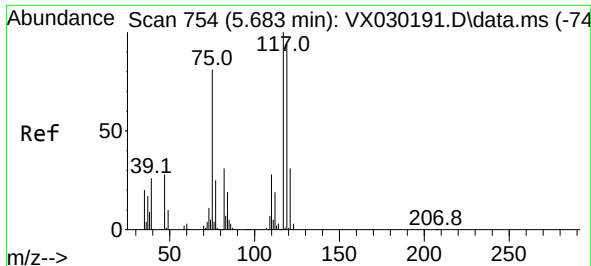
Tgt Ion:113 Resp: 111459
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 17.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.557 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 75 Resp: 11297
Ion Ratio Lower Upper
75 100
110 4.0 19.3 57.9#
77 0.0 24.4 36.6#

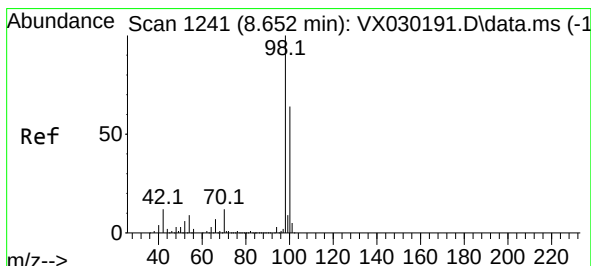
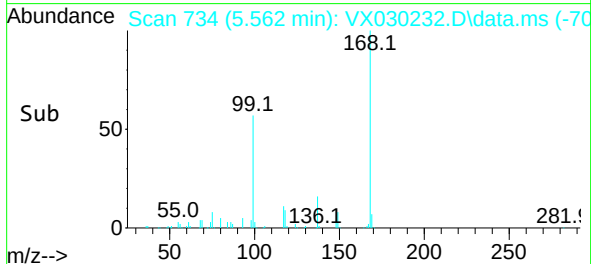
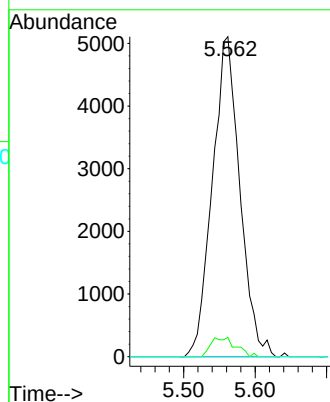
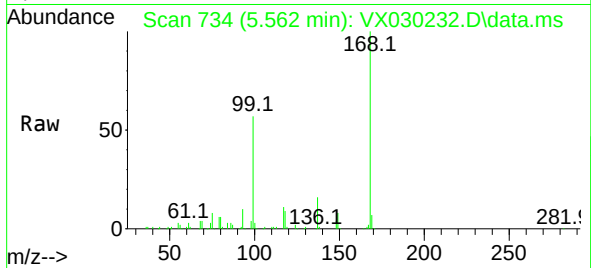




#38
Carbon Tetrachloride
Concen: 4.593 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

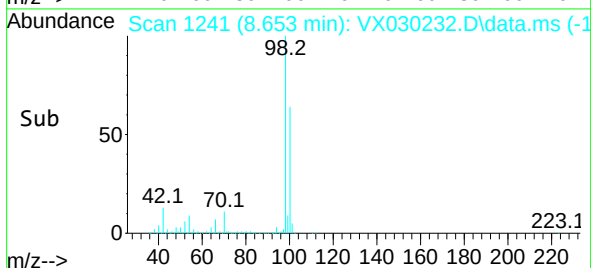
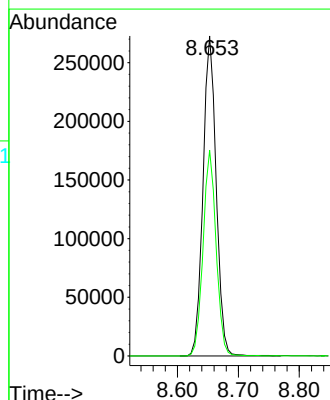
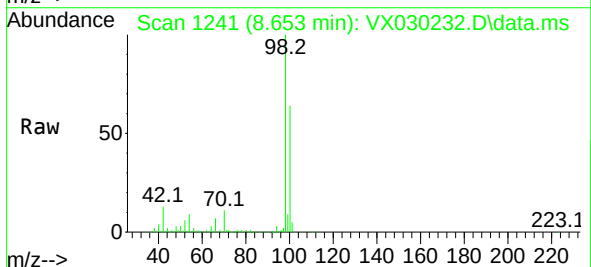
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

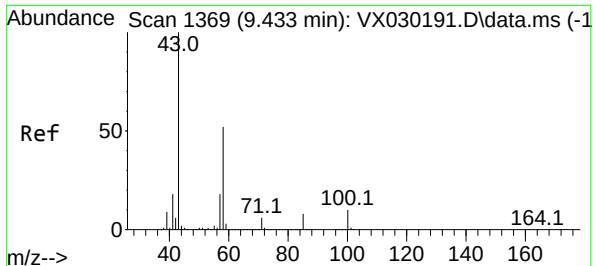
Tgt Ion:117 Resp: 13618
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.066 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion: 98 Resp: 410780
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5





#59

2-Hexanone

Concen: 0.201 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX030232.D

Acq: 27 Jul 2022 15:27

Instrument :

MSVOA_X

ClientSampleId :

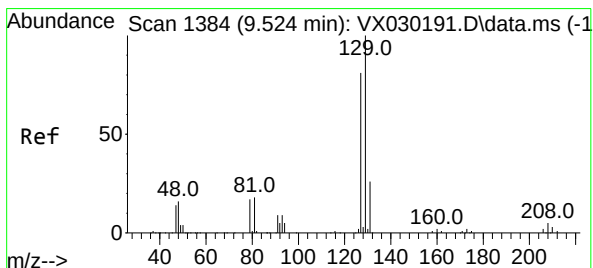
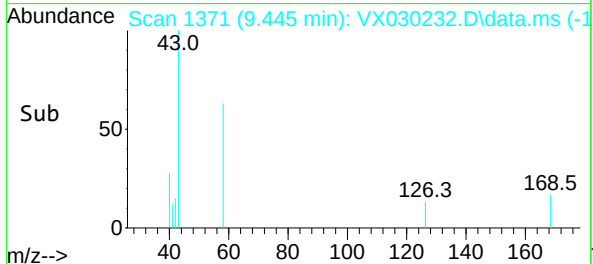
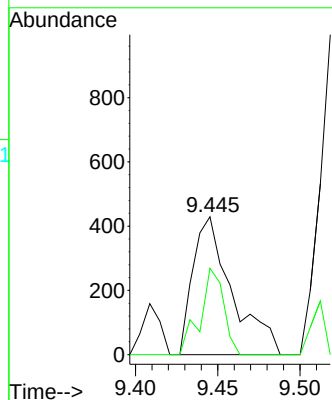
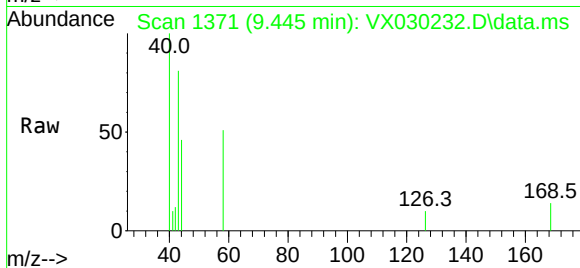
EB-05-07152022

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 37.5 27.6 82.8



#60

Dibromochloromethane

Concen: 0.955 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX030232.D

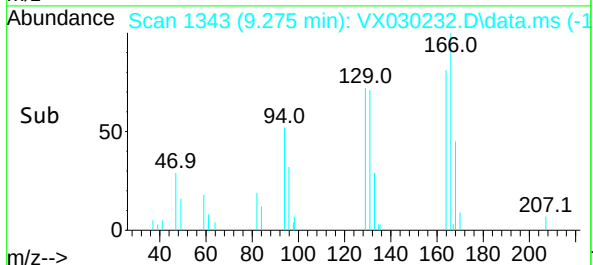
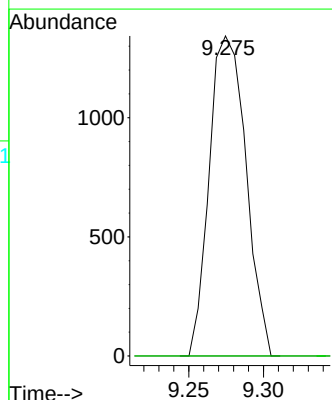
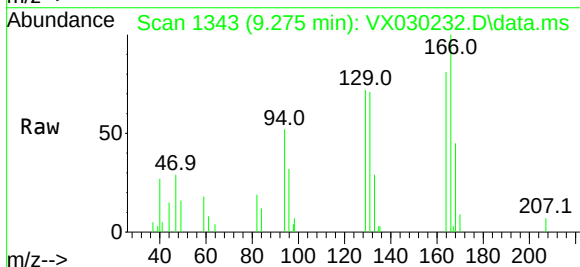
Acq: 27 Jul 2022 15:27

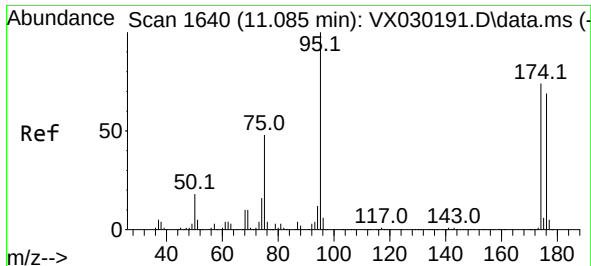
Tgt Ion: 129 Resp: 2295

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

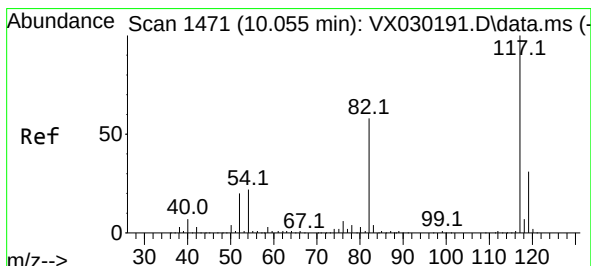
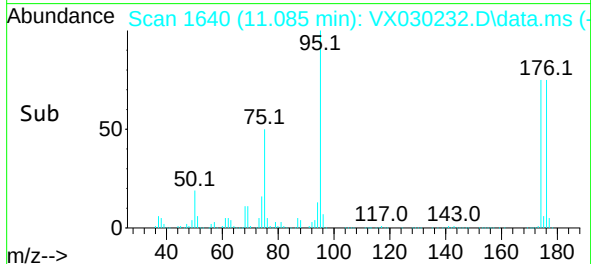
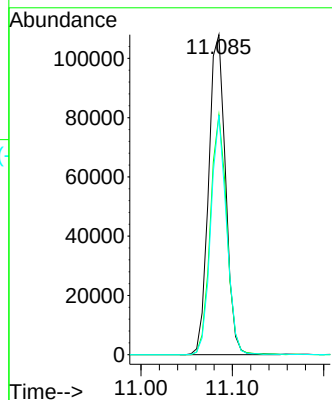
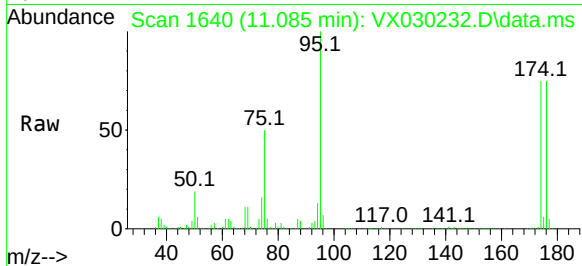




#62
4-Bromofluorobenzene
Concen: 43.803 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

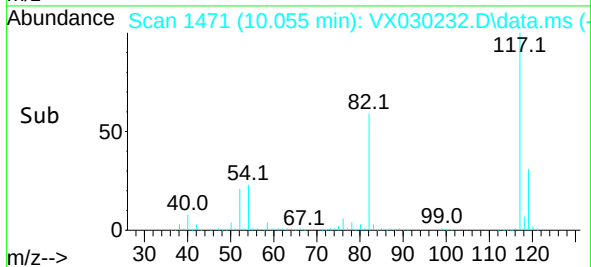
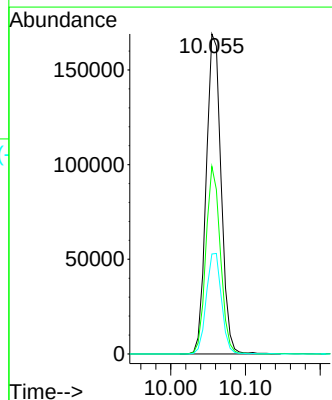
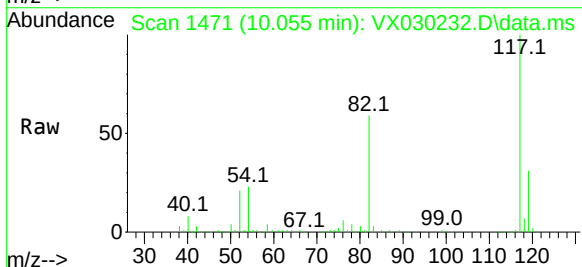
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

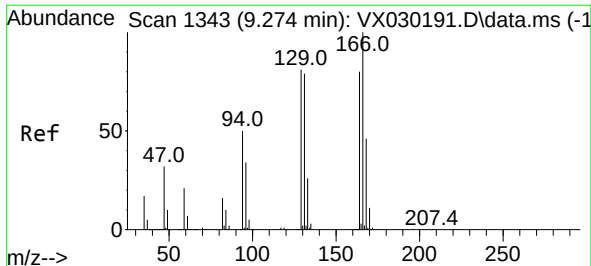
Tgt Ion: 95 Resp: 138931
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.0
176 69.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

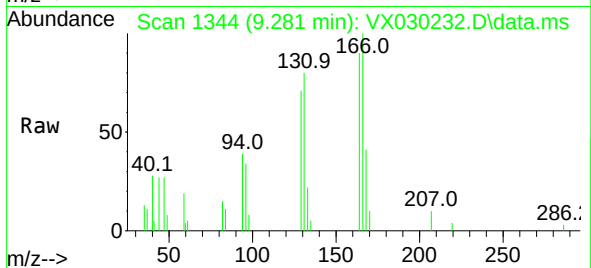
Tgt Ion: 117 Resp: 233788
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 31.2 25.4 38.2



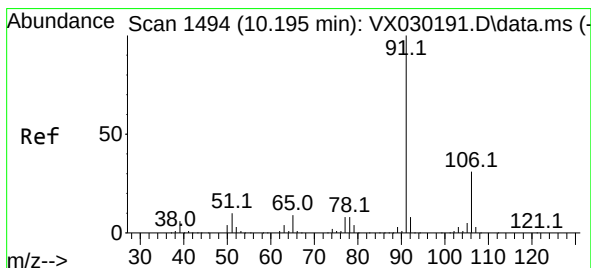
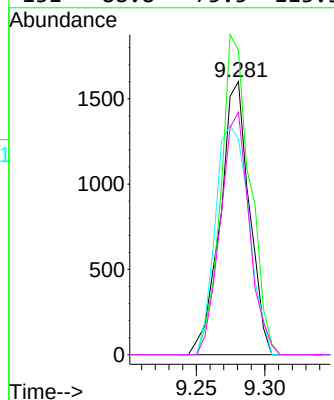


#64
Tetrachloroethene
Concen: 0.937 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

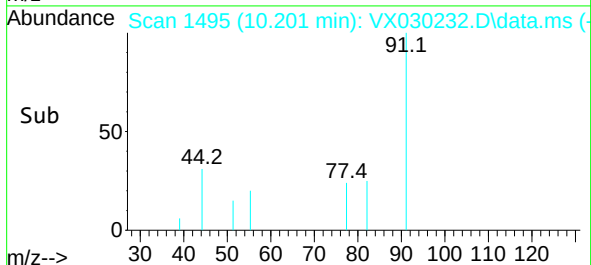
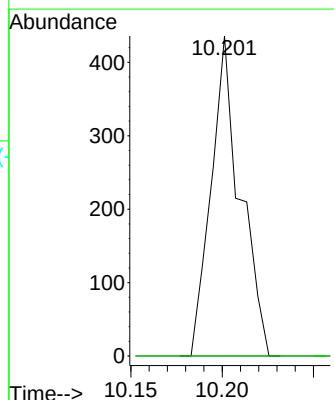
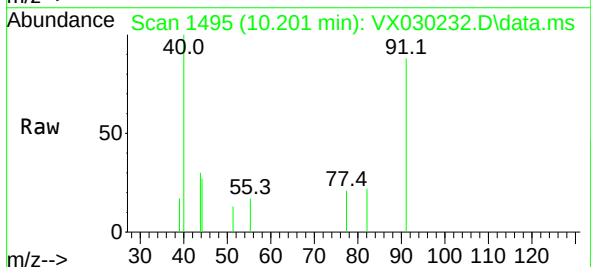


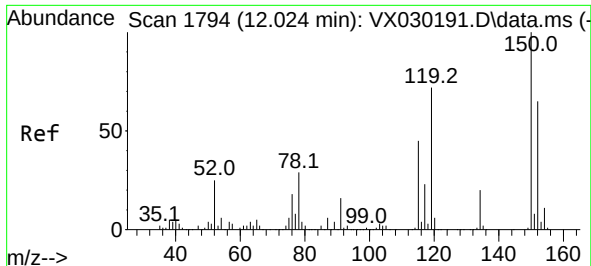
Tgt Ion:	164	Resp:	2359
Ion	Ratio	Lower	Upper
164	100		
166	111.5	98.2	147.4
129	78.8	80.8	121.2#
131	88.8	75.5	113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

Tgt Ion:	91	Resp:	483
Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.5	38.3#

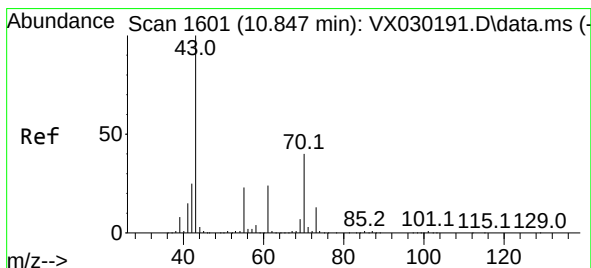
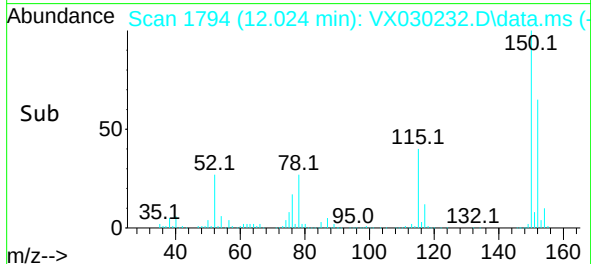
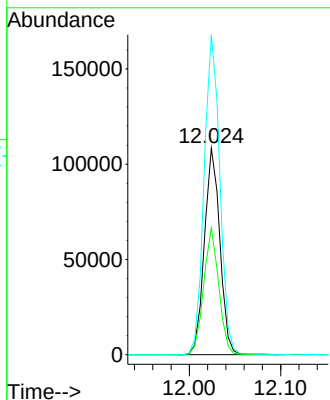
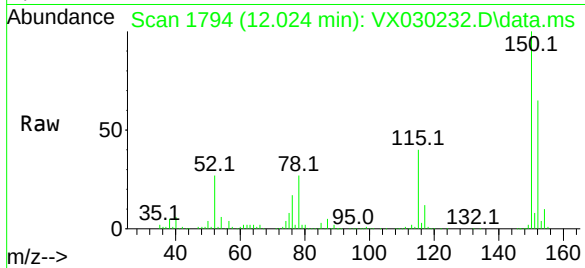




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030232.D
 Acq: 27 Jul 2022 15:27

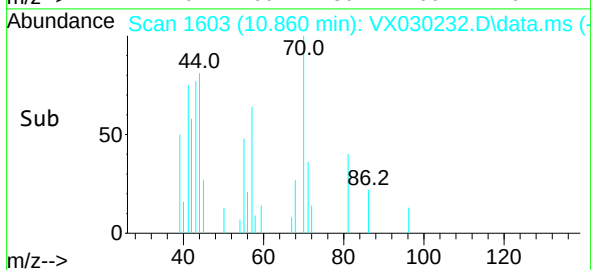
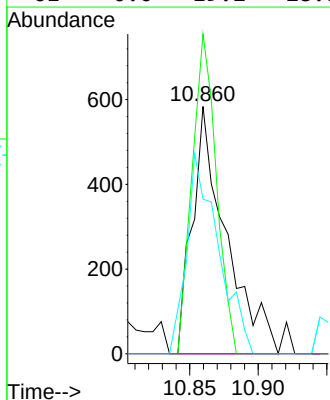
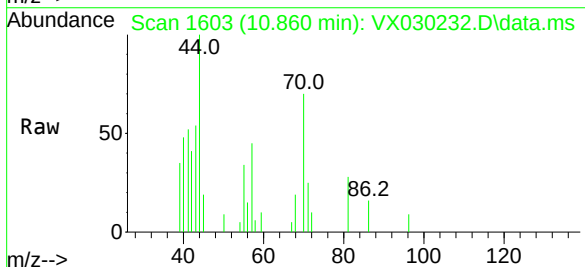
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-05-07152022

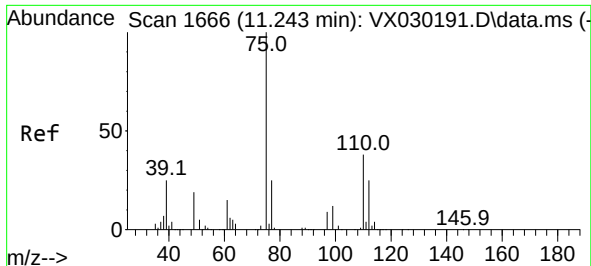
Tgt Ion:152 Resp: 127503
 Ion Ratio Lower Upper
 152 100
 115 59.9 40.5 121.5
 150 157.2 0.0 347.0



#74
 N-ethyl acetate
 Concen: 0.206 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.013 min
 Lab File: VX030232.D
 Acq: 27 Jul 2022 15:27

Tgt Ion: 43 Resp: 998
 Ion Ratio Lower Upper
 43 100
 70 93.1 32.3 48.5#
 55 76.2 18.4 27.6#
 61 0.0 19.2 28.8#

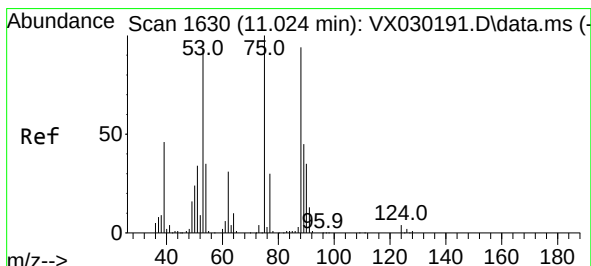
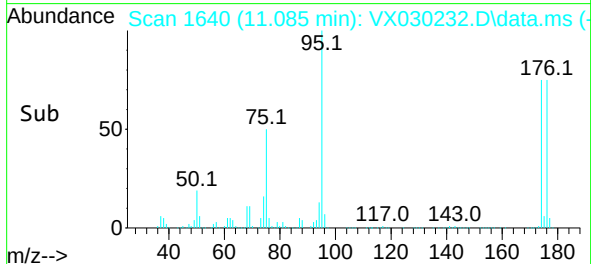
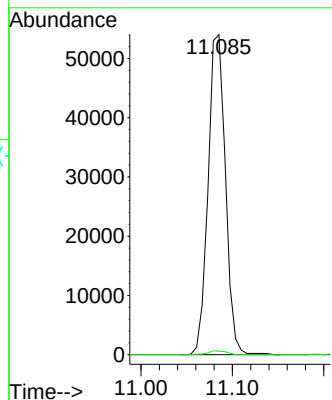
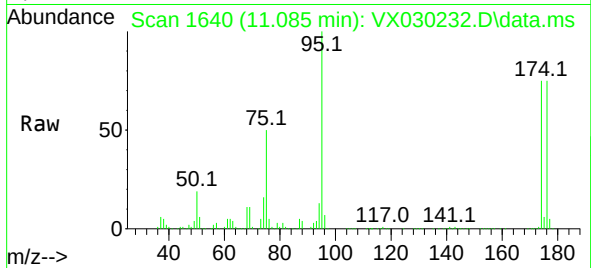




#76
1,2,3-Trichloropropane
Concen: 21.192 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

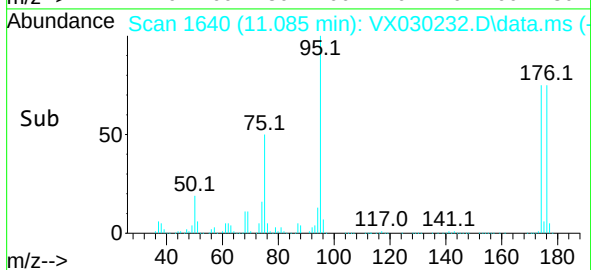
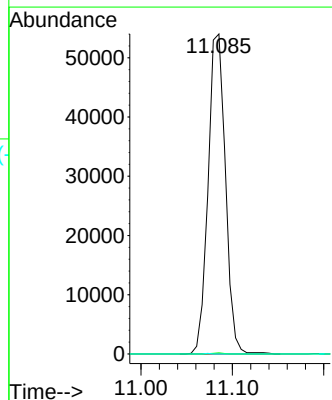
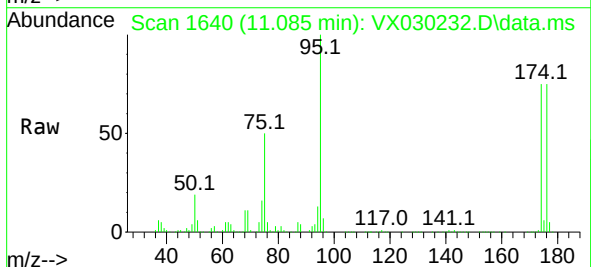
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

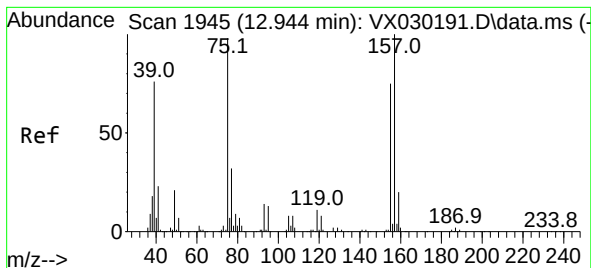
Tgt Ion: 75 Resp: 71223
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.573 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030232.D
Acq: 27 Jul 2022 15:27

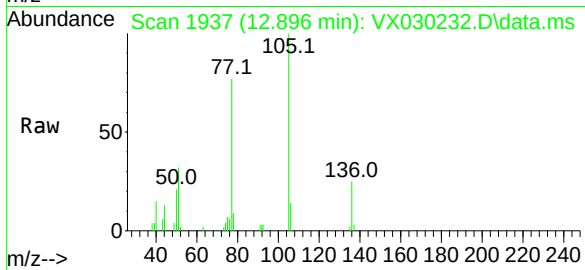
Tgt Ion: 75 Resp: 71223
Ion Ratio Lower Upper
75 100
53 0.2 74.2 111.4#
89 0.1 34.8 52.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.335 ug/l
 RT: 12.896 min Scan# 19
 Delta R.T. -0.048 min
 Lab File: VX030232.D
 Acq: 27 Jul 2022 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-05-07152022



Tgt Ion: 75 Resp: 293
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 134.8#
 157 0.0 56.9 170.7#

